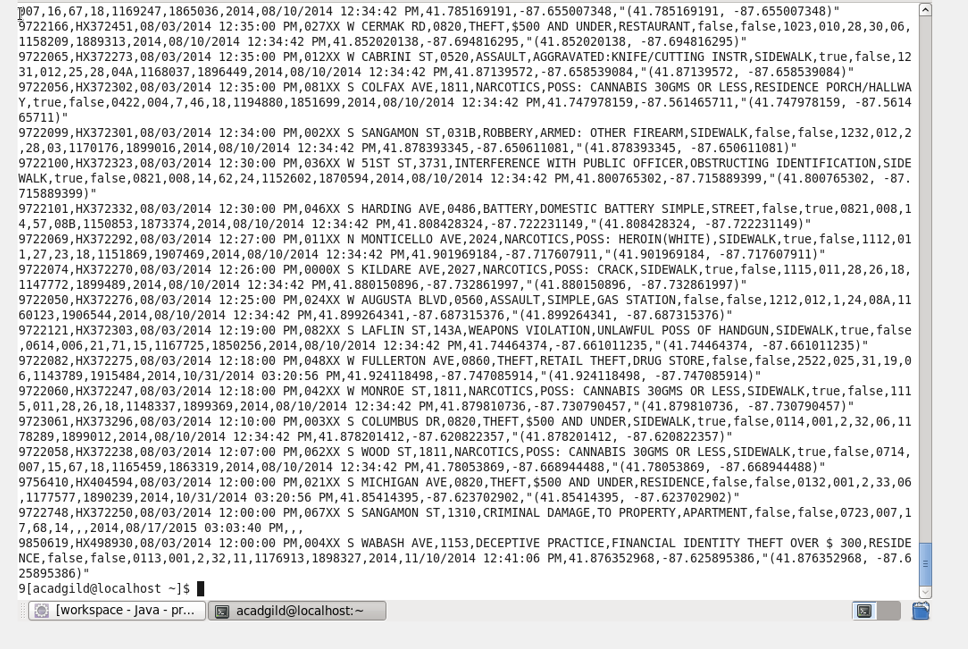
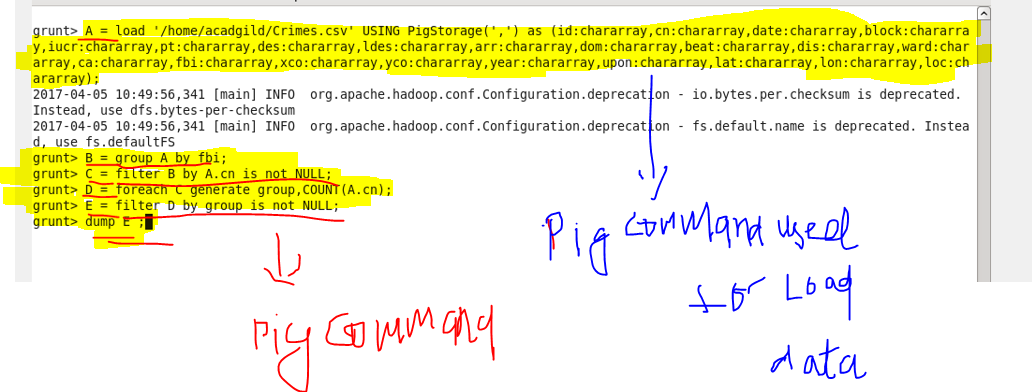
INPUT FOR PROJECT 1:-

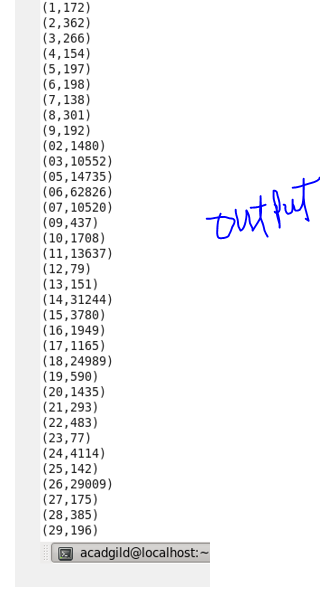


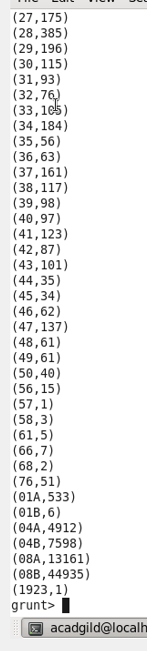
PROJECT 1:-

PROBLEM 1:-

SOLUTION BY PIG:-

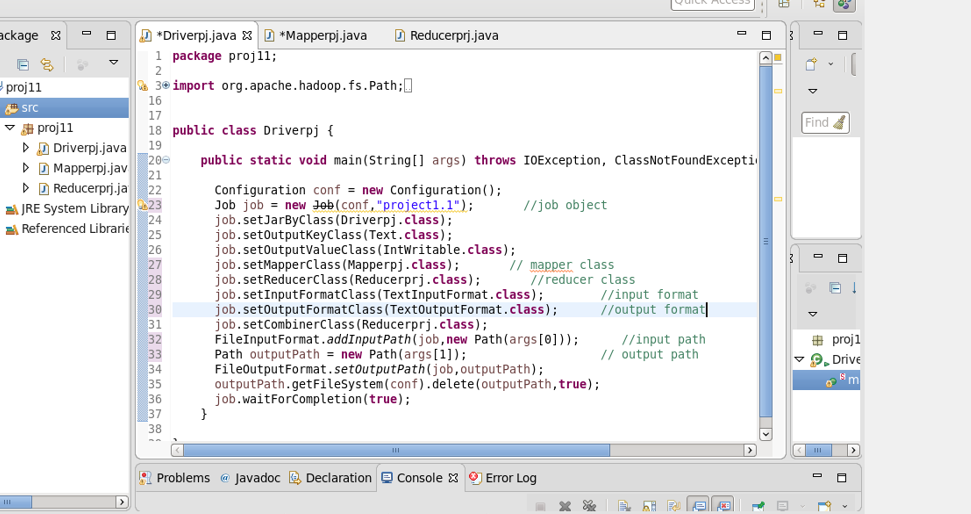




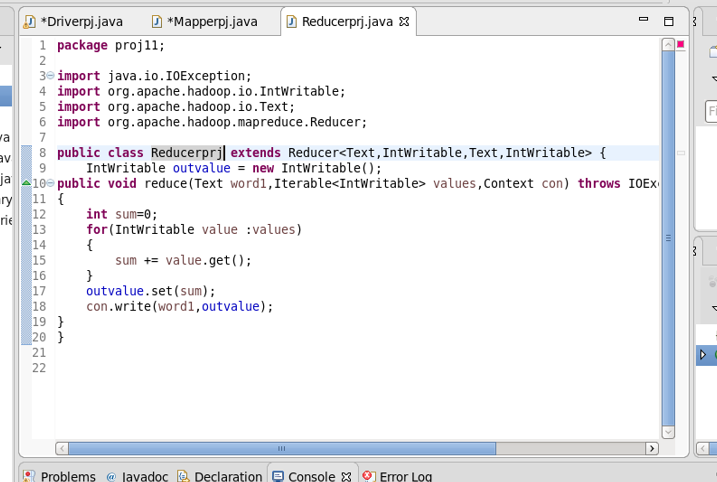


SOLUTION BY MAPREDUCE:-

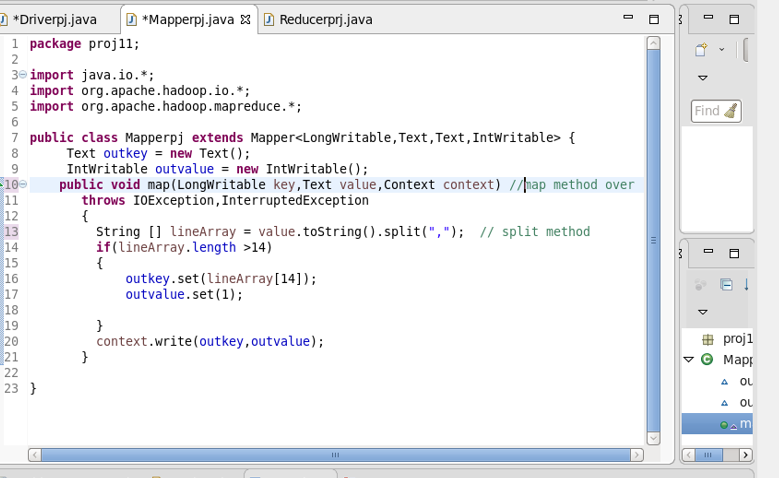
DRIVER CLASS:-



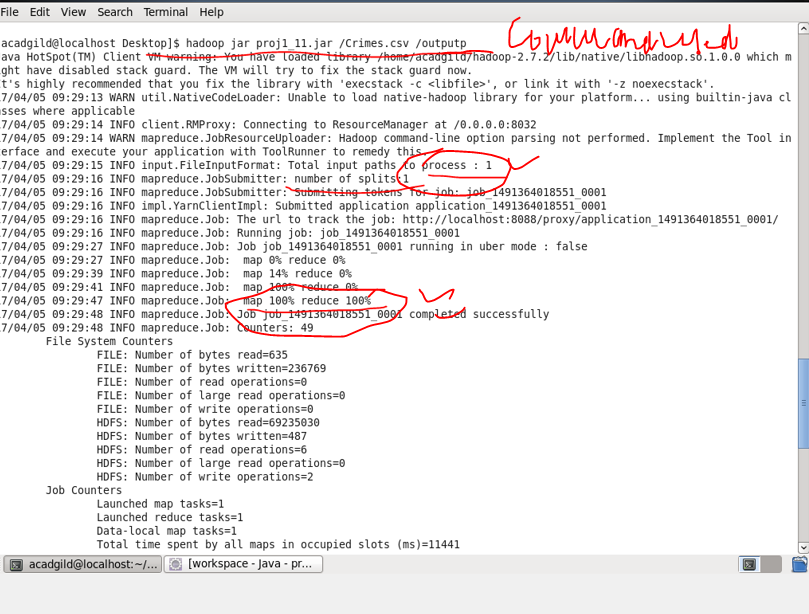
REDUCER CLASS:-

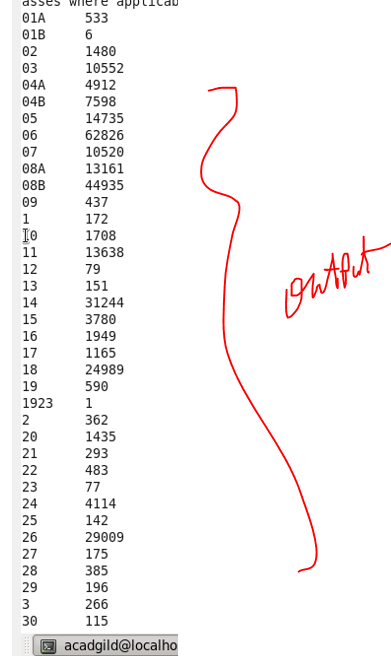


**THE DRIVER AND REDUCER CLASS WILL BE SAME FOR ALL 4 PROBLEMS SO I HAVE ATACHED ONLY MAPPER AND OUTPUT FOR REST OF PROBLEMS**

****

**OUTPUT MAPPER:-**

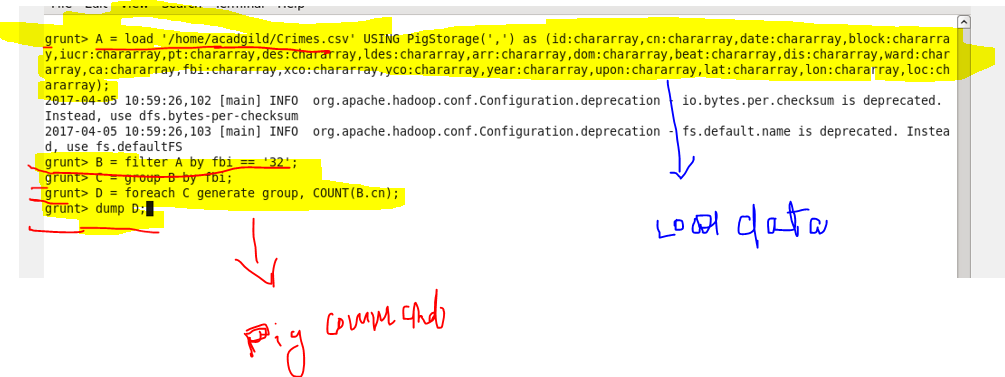
****

****

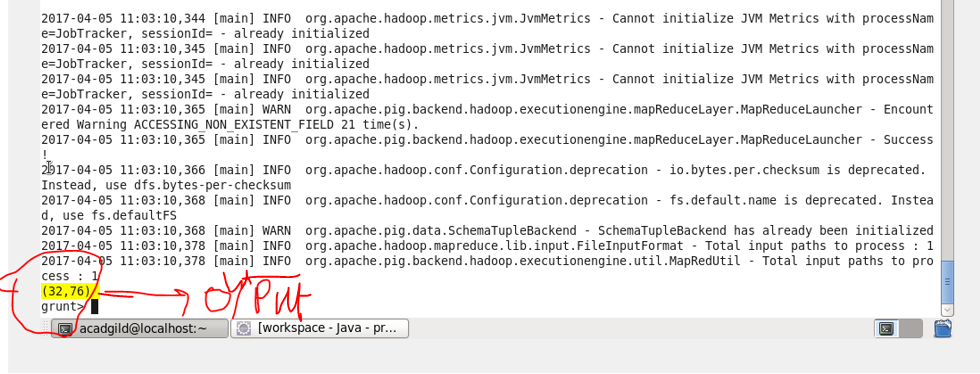
**PROBLEM 2:-**

**SOLUTION BY PIG:-**

**PIG PROGRAM:-**

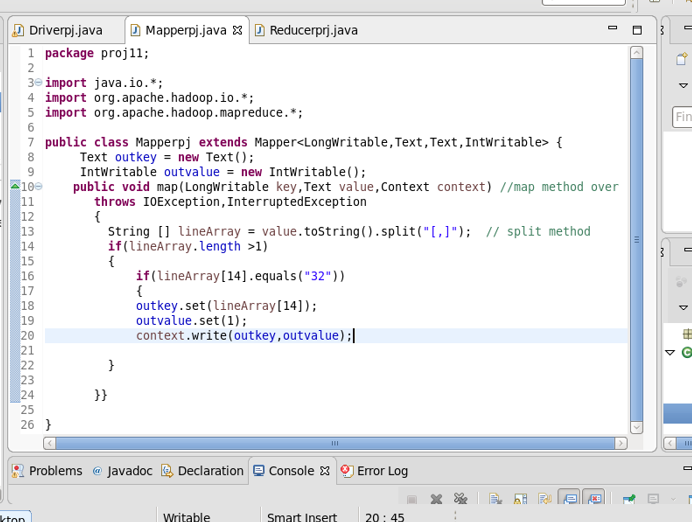
****

**PIG OUTPUT:-**

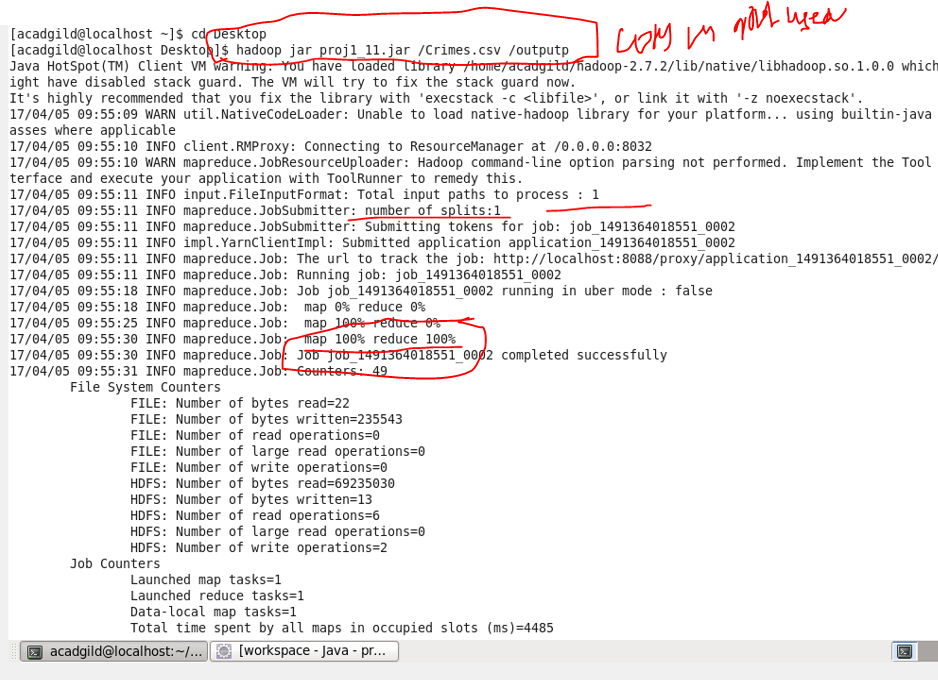
****

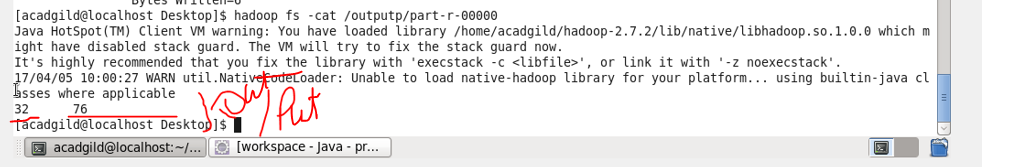
**SOLUTION BY MAPPER :-**

**MAPPER PROGRAM:-**

****

**OUTPUT BY MAPPER:-**

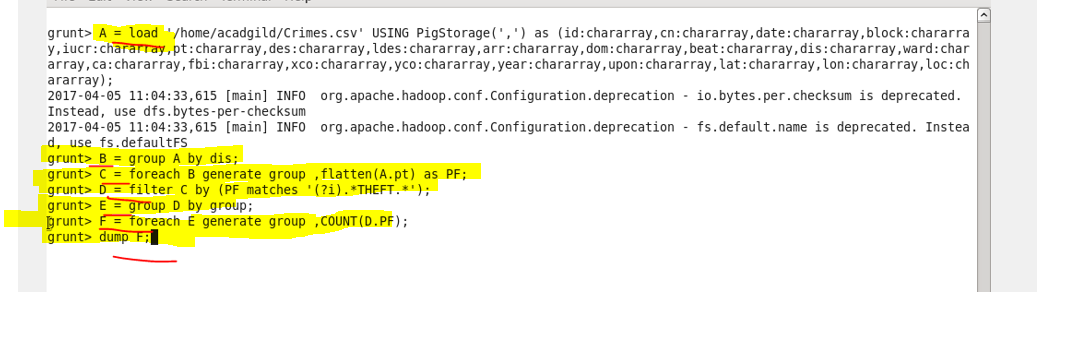
****

****

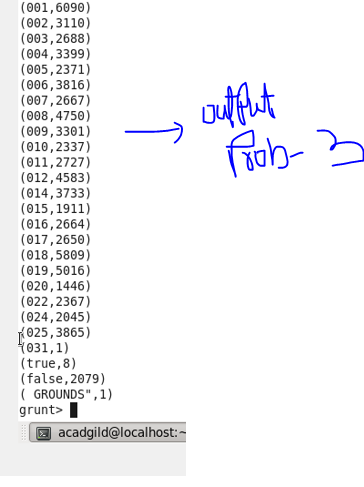
**PROBLEM 3:-**

**SOLUTION BY PIG:-**

**PIG COMMANDS:-**

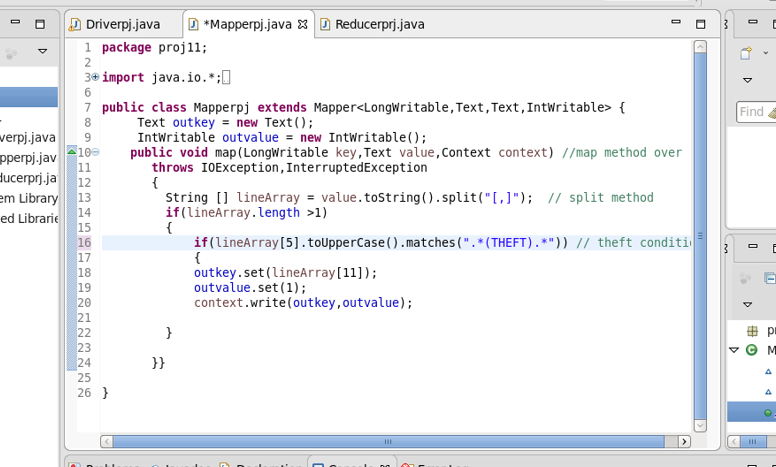
****

**PIG OUTPUT:-**

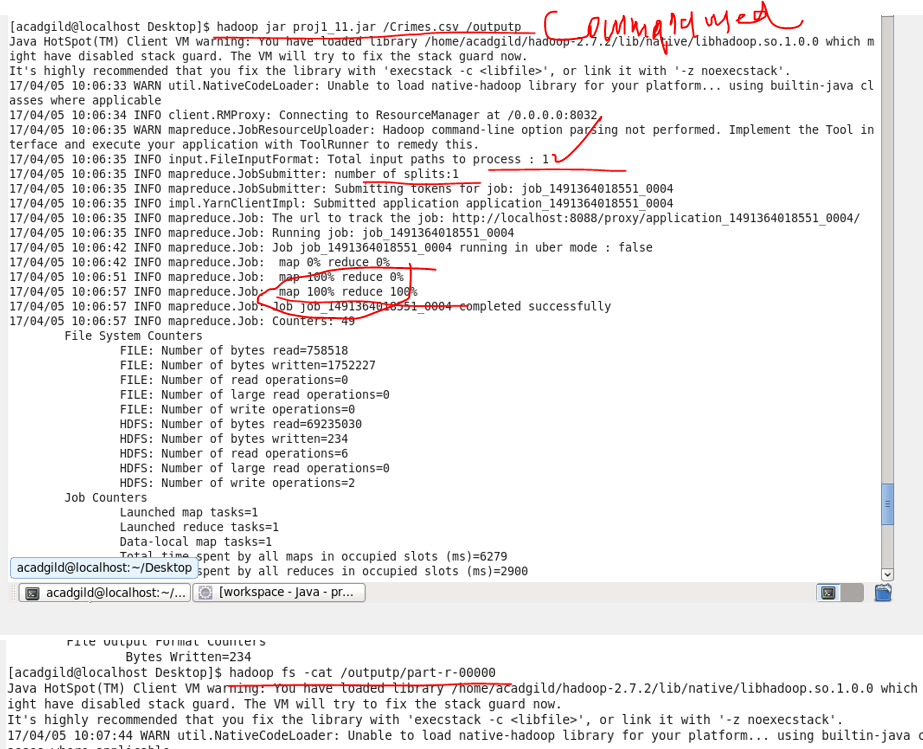
****

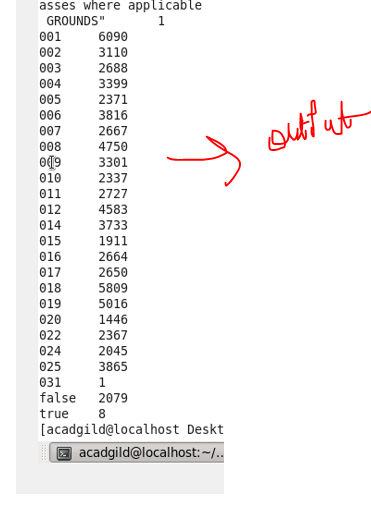
**SOLUTION BY MAPPER:-**

**MAPPER CLASS:-**

****

**OUTPUT MAPPER:-**

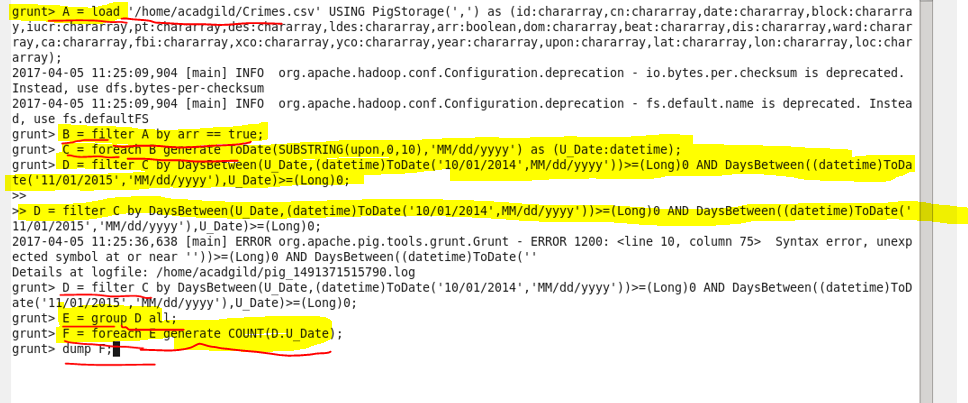
****

****

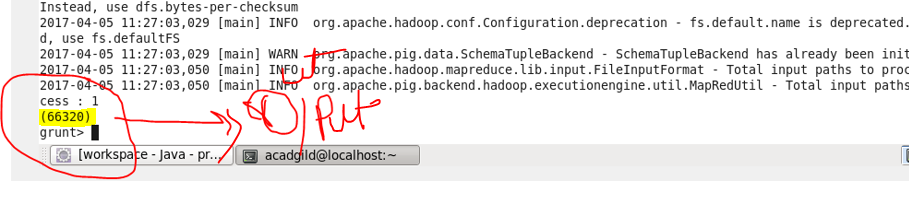
**PROBLEM 4:-**

**SOLUTION BY PIG:-**

**PIG COMMANDS:-**

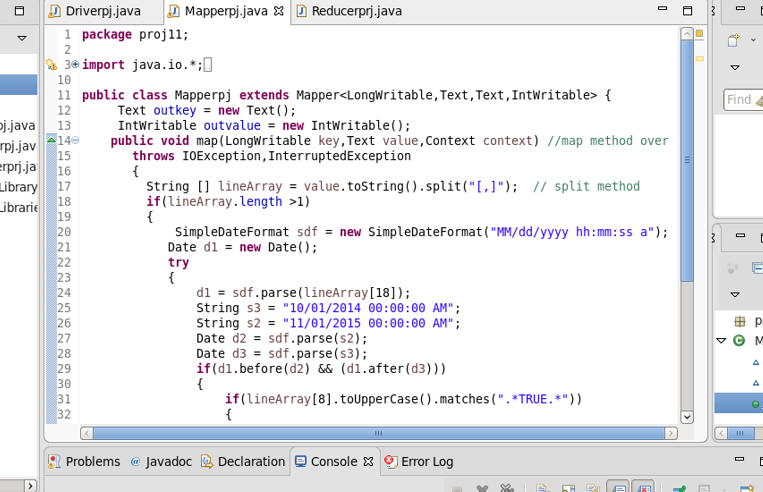
****

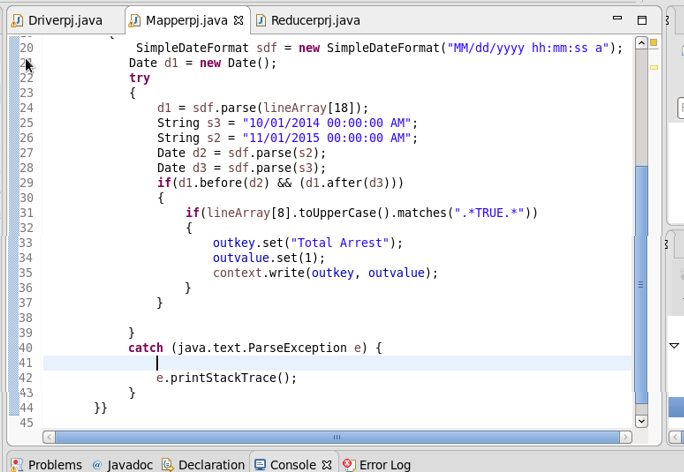
**PIG OUTPUT:-**

****

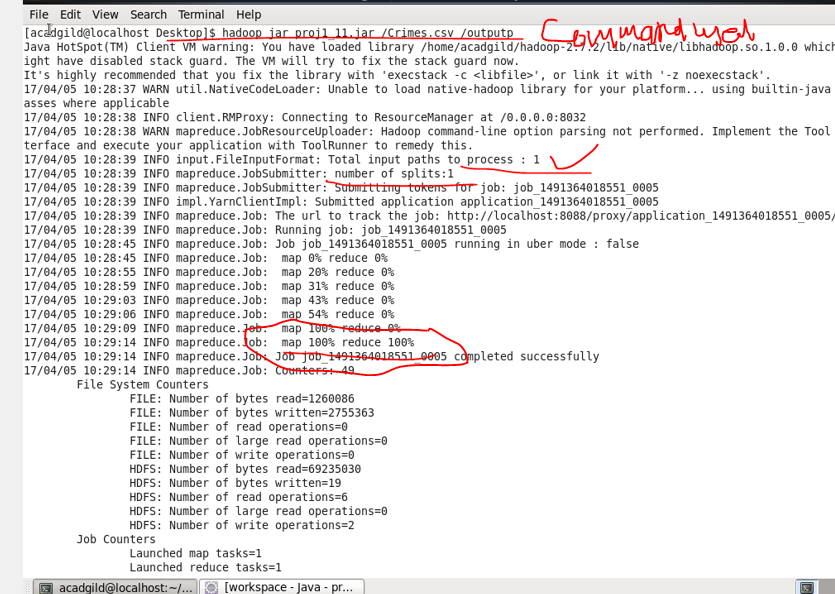
**SOLUTION BY MAPPER:-**

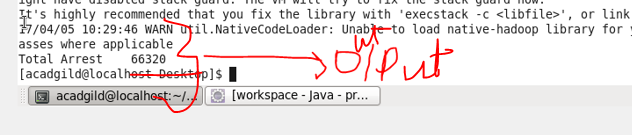
**MAPPER CLASS:-**

****

****

**OUTPUT MAPPER:-**

****

****